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SHOUT
SHARE
IT

BULBS

AND

SEEDS

FOR FALL SOWING

U. S. DEPARTMENT OF AGRICULTURE
DIVISION OF
SEP 18 1897
BOTANY
SEED LABORATORY

Beckert's

AUTUMN LIST OF BULBS

W. C. BECKERT

Seedsman

NO. 19 FEDERAL ST. ALLEGHENY, PA.

FALL, 1897

....CULTURE OF BULBS....

HYACINTHS, Outdoor Culture in Beds or Borders. Plant in October and November. Any ordinary soil will do for them if well drained. Plant about 6 inches deep and 10 to 12 inches apart, and cover moderately with straw, leaves or manure before severe weather sets in. Remove the covering in spring.

HYACINTHS, Pot Culture. Plant in sandy loam in 5-inch pots. Insert firmly in the soil, covering the bulb to the tip; after watering well, set them in a cool, dark place, and leave them there until the roots become well established, when they can be brought to the light.

HYACINTHS, Culture in Glass. Fill the glasses until the base of the bulb touches the water; set away in a cool, dark place, and as the water evaporates replenish it. Change the water every fortnight, and when the roots extend to the bottom of the glass, or nearly so, bring them to the light in a cool room.

TULIPS. Culture, either out or indoors is about the same as for hyacinths; in bedding, plant them about 6 inches apart. All single varieties force readily.

CROCUS. Plant about 3 inches deep and 2 inches apart when used in beds or borders. They are also easily forced.

NARCISSUS. The treatment is about the same as for hyacinths. The Polyanthus varieties are not hardy; the others are perfectly hardy. When grown in pots they should be kept in the dark a good length of time. Most all Narcissus force excellently.

LILIES. For outdoors they should be planted as early in autumn as possible, in well drained, rich soil, and in a partially shaded situation. Plant from 4 to 5 inches in depth, according to size. During the winter protect well on the surface with a covering of manure or litter. Once firmly established, they should not be disturbed for a period of from four to five years. Most of the varieties succeed well as pot flowers. For forcing, they should be planted as early as obtainable, in 5 or 6-inch pots, using a compost of loamy soil, well-rotted manure and sand; place them in a cold place without watering them, where they should remain until cold weather comes on—then remove to greenhouse or warm room.

LILY-OF-THE-VALLEY. For open air culture these require a partly shaded situation. Set the pips or clumps about 2 inches below the surface. For indoor culture, pot them in well-drained pots or flats, cover the bud to a depth of half an inch, place in a dark room for about two weeks, keeping them well watered; then bring to the light.

RANUNCULUS. Not hardy, and must be well protected. For forcing, place three or four roots in a pot and place in a coldframe or other cool situation until the roots are started.

ANEMONES. Require about the same general treatment as ranunculus, both in indoor and open air culture.

SNOWDROPS. The earliest flower in spring. Plant bulbs early in autumn about 3 inches deep. They should not be disturbed for a number of years.

OXALIS. Well adapted for house culture. The flowers are yellow, pink, red and white, in various shades. Plant in pots about 1 inch deep, about six in a pot.

IRIS. The culture does not materially differ from that of the lily in the open air. Some varieties force readily.

HYACINTHS

SINGLE VARIETIES ARE PREFERABLE, AND MOST GENERALLY GROWN.

Single Hyacinth.

SINGLE HYACINTHS.

If by mail, add 15 cents per dozen.

First size, **Fancy Picked Bulbs,** in the following varieties, 10 cts. each, $1.15 per doz., $9 per 100.

Second size, **Fine Bulbs,** in the following varieties, 8 cts. each, 85 cts. per doz., $6.50 per 100.

SINGLE RED SHADES.

Amy. Dark red.
Cosmos. Rosy pink.
Certrude. Deep rose.
Robert Steiger. Carmine.
Veronica. Deep red.
Baron van Thuyll. Pink.
Charles Dickens. Fine pink.
Gigantea. Blush pink.
Le Prophete. Rosy pink.
Norma. Pink.
Sultan's Favorite. Blush.
Lord Wellington. Rose.

SINGLE WHITE SHADES.

Baron van Thuyll. Pure white.
Grand Vedette. Pure white.
Belle Blanchisseuse. Fine white.
La Grandesse. Large white.
Mad. Vanderhoop. Pure white.
Paix de l'Europe. Snowy white.
Rousseau. Blush white.
Grandeur à Merveille. Blush white.
Voltaire. Waxy white.
La Franchise. Blush white.
Pavillon Blanc. Pure white.
Elfride. Blush white.

SINGLE BLUE SHADES.

La Peyrouse. Porcelain.
Czar Peter. Porcelain.
Leonidas. Clear blue.
Pieneman. Dark porcelain.
Regulus. Clear blue.
Baron van Thuyll. Dark blue.
Bleu Mourant. Amaranth.
Charles Dickens. Bright blue.
Grand Maitre. Porcelain.
King of Blues. Deep blue.
Marie. Dark blue.
William I. Dark blue.

DOUBLE HYACINTHS.

The following varieties we have in first size only. 10 cts. each, $1.15 per doz., $9 per 100.

DOUBLE RED SHADES.

Bouquet Royal. Salmon-pink.
Bouquet Tendre. Carmine.
Czar Nicholas. Blush pink.
Grootvorst. Blush pink.
Lord Wellington. Blush pink.
Prince of Orange. Pink.

DOUBLE WHITE SHADES.

Bouquet Royal. Pure white.
Flevo. Pure white.
D'Auvergne. White; early.
La Virginite. Pale blush.
Non Plus Ultra. White.
Waterloo. White.

DOUBLE BLUE SHADES.

Blocksberg. Light blue.
Charles Dickens. Porcelain.
Carrick. Azure.
Gen. Antinck. Porcelain.
Dryfhout. Grayish blue.
Pasquin. Porcelain.

YELLOW SHADES.

Ida. Single; best yellow.
Jaune Supreme. Double; fine.

UNNAMED HYACINTHS.

Fine bulbs, for bedding. The Single sorts will also force well. 5 cts. each, 50 cts. per doz. (by mail, 60 cts.), $3.50 per 100, $30 per 1,000.

SINGLE—Red, Rose, Pure White, Blush White, Light Blue, Dark Blue, Yellow.

DOUBLE—White, Red, Blue, Yellow.

MINIATURE or DUTCH ROMAN HYACINTHS.

Single Pink, Single White, Single Blue. 3 cts. each, 30 cts. per doz., $2 per 100.
White Romans. Extra-select bulbs, 13 x 16, 5 cts. each, 50 cts. per doz. (by mail, 60 cts.), $3.50 per 100, $30 per 1,000; select bulbs, 12 x 15, 4 cts. each, 40 cts. per doz. (by mail, 50 cts.), $2.80 per 100, $25 per 1,000.
Canary Yellow Romans. 6 cts. each, 60 cts. per doz. (by mail, 70 cts.), $4.50 per 100.

GRAPE HYACINTHS.

Blue. 5 cts. for 2, 15 cts. per doz., $1 per 100.
White. 10 cts. for 3, 25 cts. per doz., $1.50 per 100.

TULIPS.

SINGLE TULIPS.

If to be sent by mail, add 5 cts. per dozen for postage.

The figures preceding names of varieties indicate the height in inches of the plant.

		Per 3	Doz.	100
9	**Belle Alliance.** Scarlet	$0 10	$0 25	$1 50
7	**Artus.** Bright red ..... 2 for 5 cts...		20	1 50
9	**Chrysolora.** Golden yellow	10	25	1 60
9	**L'Immaculee.** White	10	25	1 25
8	**La Reine.** White, tinted rose	10	25	1 25
9	**Crimson King.** Bright red..2 for 5c..		20	1 00
9	**Cottage Maid.** White, bordered pink.	10	30	2 25
10	**Keiserkroon.** Red, yellow eye	10	25	1 60
9	**Vermilion Brilliant.** Vermilion ..... 2 for 5 cts...		40	2 75
9	**Brutus.** Red, bordered yellow	10	25	1 50
10	**Coleur Ponceau.** Rosy crimson .... 2 for 5 cts...		20	1 00
12	**Proserpine.** Carmine-pink	10	35	2 50
10	**Coleur Cardinal.** Scarlet	10	25	1 60
9	**Yellow Prince.** Yellow	10	30	2 00
9	**Princess Marianna.** Pink	10	30	2 00
9	**Rachel Ruisch.** White, shaded pink.	10	25	1 50
9	**Duchesse de Parma.** Red, banded yellow .....2 for 5 cts...		20	
10	**Joost van Vondel.** Cherry red	10	25	
9	**Pottebakker White**	10	30	
9	" **Yellow**	10	30	
9	" **Scarlet**	10	25	
9	**President Lincoln.** Lilac-violet	10	30	
6	**Rose Gris-de-lin.** Rose and white ..	10	30	
9	**Rosa Mundi.** Pink.... 2 for 5 cts...		20	

		Per 3	Doz.
10	**Royal Standard.** White and crimson .... 2 for 5 cts...		$0 20
10	**Tom Moore.** Orange	$0 10	35

Collection of Tulips.

SINGLE TULIPS, continued.

		Per 3	Doz.	100
9	**White Swan.** White	$0 10	$0 25	
8	**Wouvermann.** Purple-violet ..... 2 for 5 cts...		20	
9	**Leonardo de Vinci.** Terra-cotta....	10	35	
7	**Duc van Thol, Rose** ..2 for 5 cts...		20	
7	" " **Yellow**	10	35	
7	" " **White**	10	35	
7	" " **Gold-striped** ..... 2 for 5 cts...		20	
	Single Fine Mixed .....$6 per 1,000..		10	$0 70
	" **Superfine Mixed**..$8 per 1,000..		15	90

DOUBLE TULIPS.

		Per 3	Doz.	100
8	**Rex Rubrorum.** Scarlet	$0 10	$0 30	$2 25
8	**La Candeur.** White	10	25	1 25
9	**Imperator Rubrorum.** Scarlet	10	30	2 25
8	**Murillo.** Light pink	10	35	2 50
7	**Leicester.** Orange	10	25	1 60
9	**Tournesol, Yellow**		40	3 00
9	" **Red and Yellow**	10	35	2 50
9	**Gloria Solis.** Crimson	10	25	1 25
9	**Purple Crown.** Purplish red	10	25	
9	**Rose Blanche.** White	10	25	
7	**Titian.** Red and yellow	10	25	
9	**Le Blazon.** Rose	10	30	
	Double Fine Mixed.....$6 per 1,000..		10	70
	" **Superfine Mixed**.$8 per 1,000..		15	90

VARIOUS TULIPS.

	Per 2	Doz.	100
Cesneriana. Scarlet	$0 05	$0 20	$1 50
Golden Crown. Yellow	05	20	1 50
Parrot Tulips. Fine mixed	05	20	1 50
Bizarres. Mixed	05	20	1 50
Bybloems. Mixed	05	20	1 50

NARCISSUS.

SINGLE VARIETIES.

Add 6 cts. per dozen for postage, if by mail.

Horsfieldii. White, perianth large ; yellow trumpet. 10 cts. each, $1 per doz.

Sir Watkin. Yellow perianth, orange trumpet; very large. 10 cts. each, $1 per doz.

Golden Spur. Perianth and trumpet deep yellow. 10 cts. each, $1 per doz.

Henry Irving. Perianth and trumpet yellow. 10 cts. each, $1 per doz.

Maximus. Perianth and trumpet golden yellow. 10 cts. each, 80 cts. per doz.

Princeps. Perianth primrose, trumpet yellow. 5 cts. each, 50 cts. per doz.

Simplex. Perianth and trumpet yellow. 5 cts. each, 50 cts. per doz.

Albus Stella. Perianth white, trumpet yellow. 5 cts. for 2, 25 cts. per doz.

Trumpet Major. Perianth and trumpet yellow. 10 cts. for 3, 30 cts. per doz., $2.25 per 100.

Poeticus. White flower, orange cup. 5 cts. for 2, 15 cts. per doz., 75 cts. per 100.

Poeticus Ornatus. White flower, saffron cup; large. 10 cts. for 3, 25 cts. per doz,, $1.60 per 100.

DOUBLE VARIETIES.

Von Sion. (Select.) Large double; golden yellow. 10 cts. for 3, 30 cts. per doz., $2.25 per 100; first size bulb, 5 cts. for 2, 20 cts. per doz., $1.60 per 100.

Sulphur Phœnix. Pure white, large flower. 15 cts. each, $1.50 per doz.

Orange Phœnix. White, orange center. 5 cts. each, 50 cts. per doz.

Incomparable. Yellow and orange. 5 cts. for 2, 20 cts. per doz., $1.60 per 100.

DOUBLE NARCISSUS, continued.

Alba plena odorata. Pure white; sweet-scented. 5 cts. for 2, 20 cts. per doz., $1.60 per 100.

POLYANTHUS NARCISSUS (not hardy). **Paper-White grandiflora.** 10 cts. for 3, 30 cts. per doz., $2 per 100; if by mail, 15 cts. per dozen extra.

CHINESE SACRED LILY. (Chinese Lily). 10 cts. each, $1 per doz.; if by mail, 3 cts. each or 30 cts. per doz. extra.

NARCISSUS (JONQUILS).

Double. Small, golden yellow. 5 cts. each, 50 cts. per doz., $4 per 100.

Single. Rich yellow; very fragrant. 5 cts. for 3, 15 cts. per doz., $1 per 100.

CROCUS.

15 cts. per 100 extra by mail. Dozen or less mailed at Catalogue prices.

	Doz.	100	1,000
Large Yellow	$0 15	$0 75	$7 00
First size	06	40	3 50
Large White	10	65	6 00
First size	06	40	3 50
Large Purple	10	65	6 00
First size	06	40	3 50
Large Striped	10	65	6 00
First size	06	40	3 50
Large all colors, Mixed	10	65	6 00
First size	06	40	3 50

RANUNCULUS.

Turban, Mixed. 5 cts. for 2, 20 cts. per doz., $1 per 100.
Persian, Mixed. 5 cts. for 2, 20 cts. per doz., $1 per 100.
French, Mixed. 5 cts. for 2, 20 cts. per doz,, $1 per 100.

ANEMONES.

Single Mixed. 5 cts. for 2, 20 cts. per doz., $1 per 100.
Double Mixed. 10c. for 3, 25c. per doz., $1.50 per 100.

SNOWDROPS and SNOWFLAKES.

	Per 3	Doz.	100
Single Snowdrops	$0 05	$0 15	$0 75
**Double " **	10	30	1 50
**Giant " **	05	15	75
Spring Snowflakes	10	30	1 50

CHIONODOXA (Glory-of-the-Snow). 10 cts. for 3, 30 cts. per doz., $1.50 per 100.

SCILLA Sibirica. Bright blue flowers; early and hardy. 5 cts. for 3, 15 cts. per doz., 75 cts. per 100.

IXIAS, Mixed. Flowers in spikes like gladiolus. 5 cts. for 3, 15 cts. per doz., 75 cts. per 100.

SPARAXIS, Mixed. Something like preceding. 5 cts. for 3, 15 cts. per doz.

BABIANA. Many varied colors; sweet-scented. 5 cts. each, 50 cts. per doz.

TRITELEIA Uniflora. Pretty white and blue, star-shaped flowers. 5 cts. for 3, 15c. per doz., 75c. per 100.

ALLIUM Neapolitanum. Pure white flowers; graceful umbels. 10 cts. for 3, 25 cts. per doz., $1.50 per 100.

ERYTHRONIUM (Dog's-Tooth Violet). Cream-white bells. 10 cts. for 3, 25 cts. per doz.

OXALIS.

Charming trailing plants for pots or hanging baskets.

Bowiei, pink; **Cernua,** yellow; **Tetraphylla,** purple; **Versicolor,** white and rose. Each or mixed, 5 cts. each, 25 cts. per doz., $1.50 per 100.

Bermuda Buttercup. Purest bright yellow; luxuriant growth. 5 cts. each, 30 cts. per doz., $2.25 per 100.

CALLA LILY.

Will thrive and bloom under most ordinary treatment. Mammoth size, 25 cts. each, $2.50 per doz.; first size, 15 cts. each, $1.50 per doz.; second size, 10c. each, $1 per doz.

Little Gem Calla. Miniature form of above. 10 cts. each, $1 per doz.

Black Calla *(Arum Sanctum).* 20 cts. each, $2 per doz.

AMARYLLIS.

Formosissima. Scarlet. 10 cts. each, $1 per doz.; add 5 cts. per bulb if by mail.

Longifolia alba. Large, white and fragrant. 15 cts. each, $1.50 per doz.; add 6 cts. per bulb if by mail.

Longifolia rosea. Large, rosy white. 15 cts. each, $1.50 per doz.; add 6 cts. per bulb if by mail.

Belladonna major. Violet and white. 15 cts. each, $1.50 per doz.; add 3 cts. per bulb if by mail.

IRIS.

Kæmpferi. (November.) The most popular of its race. Large clumps in **50 varieties,** 25 cts. each, $2.50 per doz., $17.50 per 100; set of 50 varieties, $10. 5 cts. each extra by mail.

Pavonia. Pure white, with blue spots. 5 cts. each, 50 cts. per doz.

Persica. Sky-blue, yellow streak. 5c. each, 50c. per doz.

Anglica. Purple, blue and lilac shade. 5 cts. each, 50 cts. per doz.

Hispanica William I. Yellow. 5 cts. each, 50 cts. per doz.
" **British Queen.** White. 5c. each, 50c. per doz.
" **Mixed.** 5 cts. for 2, 20 cts. per doz.

FREESIA refracta alba. White, tubular flowers; sweet-scented. Mammoth size, 5 cts. for 2, 20 cts. per doz, $1 per 100.

CYCLAMEN Persicum. Fine for house culture. Mixed colors. 15 cts. each, $1.50 per doz.

LILIES.

		Each	by mail	Doz.	by mail	100
Harrisii.	5 x 7	$0 06	$0 08	$0 60	$0 70	$4 00
"	7 x 9	10	12	1 00	1 20	7 00
"	9 x 11	20	23	2 00	2 25	15 00
Longiflorum.	5 x 7	06	07	60	70	4 00
"	7 x 9	10	12	1 00	1 20	7 00
Candidum.	Select	10	13	1 00	1 25	5 00
Auratum.	(October) 9x11	10	13	1 00	1 35	8 00
"	" 11x13	15	20	1 50	2 00	11 00
"	" Mammoth.	20	27	2 00	2 75	
Rubrum.	" 9x11	10	13	1 00	1 25	8 50
"	" 11x13	15	20	1 50	2 00	11 50
Roseum.	" 9x11	10	13	1 00	1 25	8 50
"	" 11x13	15	20	1 50	2 00	11 50
Album.	" 9x11	10	13	1 25	1 50	9 50
"	" 11x13	15	20	1 60	2 10	12 00
Melpomene.	"	10	12	1 00	1 20	8 50

LILY-OF-THE-VALLEY.

Extra Select Pips. 50 cts. per bundle of 25 (by mail 60 cts.), $1.50 per doz., $14 per 100.

Large Clumps. 25c. each (by mail 40c.), $2.50 per doz.

GLOXINIA. (November.) Most charming and of easy culture. 15 cts. each, $1.50 per doz.

SPIRAEA.

By mail 10 cts. per clump extra.

Japonica. 10 cts. each, $1 per doz., $6 per 100.
Compacta. 15 cts. each, $1.50 per doz.
Astilboides. 15 cts. each, $1.50 per doz.
" **multiflora.** 15 cts. each, $1.50 per doz.

CHOICE FLOWER SEEDS FOR CONSERVATORY AND COLDFRAME.

PANSY.

	Per pkt.
Beckert's Superb Mixed	$0 25
Cassier. Large, 5-blotched	25
Bugnot's. Superb mixed	25
Odier. Five-blotched	25
Odier. White ground	25
Parisian. Large, stained	25
Hortense. Rose	25
Cardinal. Brilliant red	15
Giant White, dark eye; **Giant Yellow,** with eye; **Giant Golden,** 5-spotted; **Giant Deep Purple-Violet, Giant Striped, Giant Black, Giant Marbled Yellow, Giant Auricula-flowered, Giant Beaconsfield, Giant Blue, Giant Violet-White,** and **Giant Carnot.** Each, Separate or Mixed	$0 15
Fine German Mixed, of many varieties	10
CINERARIA, Giant Strain	$0 25 and 50
CALCEOLARIA Hybrida Grandiflora	25 and 50
CYCLAMEN Giganteum. Fine mixed	25 and 50
DAISY, Large Rose	10 and 25
" Large White	10 and 25
" Double Mixed	10
PRIMROSE, Chinese Fringed. Bright Red, Rose, Striped, Blue, White, Spotted and Mixed	$0 25 and 50
PRIMROSE. Double White and Double Mixed	50
VINCA. Rosea, rosea alba, alba, and **Mixed**	10

☞*For seeds of Hardy Perennial flowers, and all other flower and vegetable seeds, see General Catalogue.*

SWEET PEAS FOR FALL PLANTING.

To attain earliness in bloom and perfection in flower, sow Sweet Peas in the open ground quite late in the autumn, just before cold weather sets in. New crop seed now ready. **Superb mixture of over 30 varieties,** oz., 10 cts.; 2 ozs., 15 cts.; 4 ozs., 25 cts., postpaid; pound, 75 cts.; by mail, 85 cts.

Pansy.

MISCELLANEOUS ARTICLES.

Hyacinth in Glass.

STANDARD FLOWER POTS.

	Each	Doz.	100
2 inch		$0 09	$0 60
2½ "		12	80
3 "		18	1 20
4 "		24	1 60
5 "	$0 04	32	2 80
6 "	06	67	4 50
7 "	08	86	6 30
8 "	10	1 15	8 10
9 "	14	1 55	12 15
10 "	20	2 00	12 60
12 "	40	4 35	

HYACINTH GLASSES.

In Amber, Blue, Green, and Amethyst.

	Each	Doz.
Tall	$0 15	$1 50
Low	15	1 50
Double	25	2 50

COLUMBIAN FLOWER TUBS.

			Each
12 in. diam.,	11 in. high		$1 00
15 "	14 "		1 50
18 "	16½ "		2 00
21 "	13½ "		2 50
24 "	20½ "		3 00

FOR GLAZING.

Mastica. 35 cts. per qt., 60 cts. per ½ gal., $1 per gal.
Mastica Glazing Machines. $1 each.
Putty Bulb. $1 each; by mail, $1.10.
Glazing Points. Van Reyper's. 60 cts. per 1,000; by mail, 75 cts.

CANES FOR PLANT STAKES.

7 to 12 feet long, $1 per 100, $7.50 per 1,000.

PLANT STAKES.

Green painted, square tapered. 18, 24 and 48 inches in length. 1½ cts. per running foot.

LABELS, BEST PAINTED.

	100	1,000
4-inch	$0 15	$0 90
5 "	20	1 10
6 "	25	1 25
8 "	35	2 50
10 "	$0 50	$4 00
3½ " Tree, copper wired	25	1 75

INDELIBLE PENCILS.

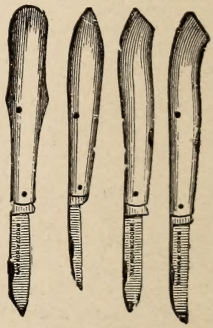
For marking. 10 cts. each, 3 for 25 cts.

BUDDING KNIVES.

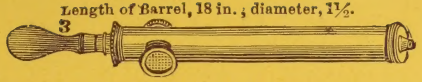
Saynor's Best. $1.25 and $1.50.

PRUNING SHEARS.

Wheel Spring. $1 and $1.25.



Budding Knives.



Florists' Best Syringe.

SYRINGES.

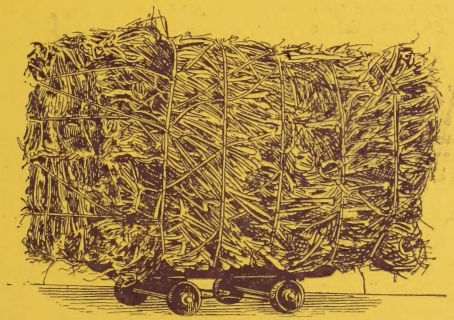
	Each
Florists' Best. 18 inches long, 1½ inches in diameter, 3 sprays	$4 50
Ordinary. 2-spray	2 00
Rubber Sprinkler. $1; by mail	1 10

THERMOMETERS.

	Each
Ordinary	$0 25
Hotbed	1 50
Self-Registering. Registers heat and cold	2 50

MOSS.

	Per bbl.
Sphagnum	$1 00
Best Log	2 50



Tobacco Stems.

GALVANIZED WATERING POTS.

The best watering pot made. Galvanized after being made. 6 qt., $1.75; 8 qt., $2.10; 10 qt., $2.30.

French Watering Pots. 6 qt., $1.60; 8 qt., $1.80.

PROTECTING PLANT CLOTH.

For covering hotbeds and frames. Per yard, 10 cts.; per piece of 50 yards, $4.25.

FERTILIZERS.

Pure Raw Bone Phosphate. 200 lbs., $4; ton, $35.

Sheep Manure. 10 lbs., 40 cts.; 25 lbs., 75 cts.; 100 lbs., $2.50.

Bowker's Plant Food. Package, 15 cts.; by mail, 25 cts.

INSECTICIDES.

Tobacco Stems. (For fumigating.) Per bale of 300 lbs., $2.

Tobacco Dust. 5 lbs., 30 cts.; 10 lbs., 50 cts.; 50 lbs., $2.

Tobacco Soap. (Sulphur.) ½ pt. can, 25 cts.

Tobacco Soap. Lb., 35 cts.; 3 lbs., $1.

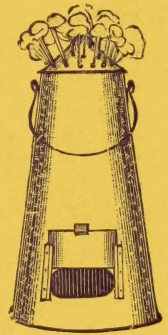
Tobacco Extract. Pt., 30 cts.; qt. 50 cts.; gal., $1.50; 5 gals., $5.

Nikoteen. Pt., $1.50; 5 pts., $7.

Whale Oil Soap. Lb., 15 cts.; 2 lbs., 25 cts.

Fir Tree Oil. ½ pt., 40 cts.; pt., 75 cts.; qt., $1.25.

Cishurst's Compound. Box, 50 cts., by mail 75 cts.



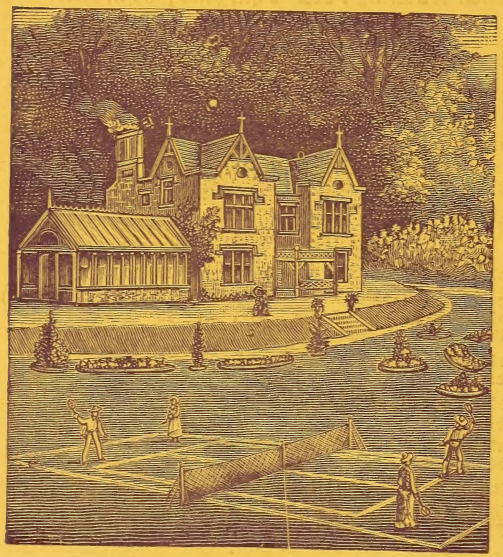
Eureka Fumigator.

EUREKA FUMIGATOR.

For fumigating greenhouses. Capacity, ½ pk., pk., ½ bus. and ¾ bus; $1.50, $2, $2.50 and $3.

Address **W. C. BECKERT, 19 Federal Street, ALLEGHENY, PA.**

HOW TO MAKE A LAWN.



There must be a good depth of rich soil, properly drained. Plow or dig in a liberal dressing of thoroughly decayed manure, 10 to 12 cords to the acre; a rich soil of good depth and liberally fertilized will maintain a fine greensward permanently, needing only an occasional top-dressing. Apply odorless lawn fertilizer or fine bone meal in the fall or very early in spring. If using stable manure, it must be thoroughly well rotted, and applied early in spring. After several rains have washed it down, the coarse residue should be raked off. Stable manure, even if well rotted, will produce more or less weeds in the lawn. New manure should never be used. A lawn, if well established, needs no winter protection. Nicety of grading in the levels and slopes, and fineness and smoothness of surface, are essential. Make a smooth surface with harrow and rake, and use a roller to make it firm and even, *before sowing the seed*. Lastly—a sufficient quantity of the best lawn grass seed—not less than four bushels to the acre, or at the rate of one quart to 300 square feet. After sowing, cover the seed well by raking it in lightly, and again use the roller to finish the work. As a rule, the best season to sow a lawn is in the fall, the exact time being governed by the latitude. If sown at the proper time, the grass will be strong enough by winter to endure the cold safely, and the weeds, which will inevitably appear, being mostly annuals, will not have time to mature and scatter their seeds. If circumstances prevent fall sowing, it should be done as early in spring as possible, so that the young grass may be better prepared for the hot, dry weather of midsummer. The grass should be allowed to get a good start before cutting, and then it should be trimmed with a lawn mower about every ten days. Old lawns may be improved by liberal fertilization and the sowing of about half the quantity of seed required for a new lawn.

LAWN GRASS SEED.

SPECIAL EVERGREEN MIXTURE. The very best mixture that can be made. Should always be used for the very best results. Good for tennis and croquet grounds, etc. 20 cts. per quart (by mail, 30 cts.), $1.15 per peck, $4.50 per measured bushel.

ODORLESS LAWN FERTILIZER. A clean, high-grade fertilizer. Free from disagreeable odor. Apply 10 pounds to 300 square feet, 1,000 to 1,500 pounds per acre. 40 cts. per 10 lbs., 90 cts. per 25 lbs., $2.50 per 100 lbs., $40 per ton.

FINE GROUND BONE MEAL. Ground very fine. 40 cts. per 10 lbs., $2.50 per 100 lbs., $4.50 per 200 lbs., $40 per ton.